

Claims

[c1] A method of producing a faceplate for an image intensifier tube for reducing veiling glare, comprising the steps of:

providing a blank of optical material of a desired glass composition having a shape that conforms substantially to a configuration of the faceplate to be produced and includes removable portions on opposing upper and bottom surfaces; the removable portion in the upper surface of the glass blank being formed in an annular step segment;

blackening the glass blank member having the removable portions; and

removing the aperture step portion and the removable portion of the bottom surface creating a desired aperture through the glass blank through which aperture light may pass.

[c2] The method of claim 1 wherein the glass blank member has an extraneous removable aperture step portion of an upper face.

[c3] The method of claim 1 wherein the removable aperture portion is removed by precision grinding of the glass

blank member.

- [c4] A faceplate for an image intensifier tube for reducing veiling glare, comprising:
- a blackened blank of optical material of a desired glass composition having a shape that conforms substantially to a configuration of the faceplate to be produced includes processed opposing upper and bottom surfaces;
 - the processed upper surface of the glass blank being formed having a blackened ring about a light transmissive portion;
 - the processed bottom surface having substantially all blackening removed creating a desired aperture through the glass blank through which aperture light may pass.
- [c5] The invention of claim 4 wherein the upper and lower surfaces are essentially parallel.
- [c6] The invention of claim 4 wherein the upper and lower surfaces are flat.